

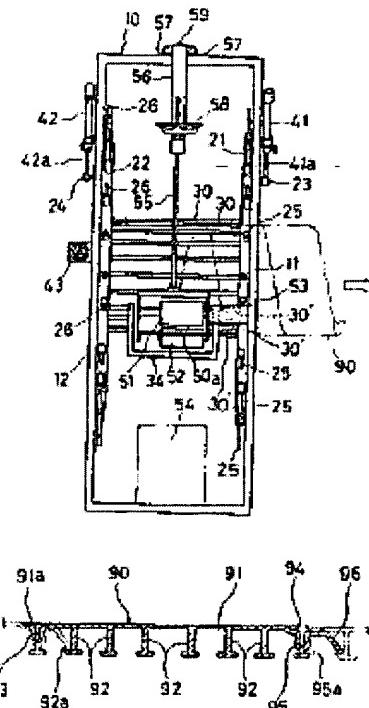
PIPE MANUFACTURING MACHINE

Patent number: JP63049419
Publication date: 1988-03-02
Inventor: FUJII SHIGEKI; others: 02
Applicant: SEKISUI CHEM CO LTD
Classification:
 - international: B29C53/62
 - european:
Application number: JP19860193372 19860818
Priority number(s):

Abstract of JP63049419

PURPOSE: To obtain a pipe manufacturing machine capable of varying easily a spiral angle of each of pipe manufacturing rollers, by a method wherein the title machine is provided with a plurality of the pipe manufacturing rollers arranged cylindrically and a turning and driving device turning each of annular frames so that each of the pipe manufacturing rollers turns at a predetermined signal angle, and an introduced beltlike material is wound round each of the pipe manufacturing rollers by performing rolling contact of the beltlike material with the pipe manufacturing rollers.

CONSTITUTION: When an end part of a beltlike material 90 makes a revolution, one side part in a widthwise direction of the tip part and the other side part in the widthwise direction of the succeeding beltlike material to be introduced fresh into a cylindrical space formed of the whole pipe manufacturing roller 30 are mated with each other. The top of a fitting rib 96 of the tip part of the beltlike material 90 is fitted in a connecting part 92a of the side part of the succeeding beltlike material 90 which has made a revolution. In the case where the fitting is not performed, the side part in each of widthwise directions of the tip part of the revolved beltlike material is moved to a position where the same is capable of mating with the succeeding beltlike material to be introduced, by a method wherein an annular frames 21, 22 are turned by operating a control handle 43 of hydraulic cylinders 41, 42, and fine adjustment of a spiral angle of each of the pipe manufacturing rollers 30, 30' is performed. Then the side parts in the widthwise directions of the beltlike material are fitted in firmly to each other, the beltlike material is wound round spirally into a spiral pipe having a predetermined bore.



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